

Parameter	Value	Unit
Temperature	25.0	°C
Pressure	1.0	atm
Humidity	50.0	%
Light intensity	100.0	μmol photons m <sup>-2</sup> s <sup>-1</sup>
CO <sub>2</sub> concentration	400.0	ppm
Water potential	-0.5	MPa
Soil moisture	0.6	cm <sup>3</sup> cm <sup>-3</sup>
Nutrient concentration	10.0	mg L <sup>-1</sup>
Root length	10.0	cm
Leaf area	10.0	cm <sup>2</sup>
Stomatal conductance	0.1	mol m <sup>-2</sup> s <sup>-1</sup>
Transpiration rate	1.0	mmol m <sup>-2</sup> s <sup>-1</sup>
Photosynthesis rate	1.0	μmol m <sup>-2</sup> s <sup>-1</sup>
Growth rate	0.1	g dry weight m <sup>-2</sup> d <sup>-1</sup>
Survival rate	0.1	g dry weight m <sup>-2</sup> d <sup>-1</sup>
Reproduction rate	0.1	g dry weight m <sup>-2</sup> d <sup>-1</sup>
Dispersal rate	0.1	g dry weight m <sup>-2</sup> d <sup>-1</sup>
Death rate	0.1	g dry weight m <sup>-2</sup> d <sup>-1</sup>
Harvest rate	0.1	g dry weight m <sup>-2</sup> d <sup>-1</sup>
Waste rate	0.1	g dry weight m <sup>-2</sup> d <sup>-1</sup>
Energy input	100.0	kJ m <sup>-2</sup> d <sup>-1</sup>
Energy output	100.0	kJ m <sup>-2</sup> d <sup>-1</sup>
Material input	100.0	g m <sup>-2</sup> d <sup>-1</sup>
Material output	100.0	g m <sup>-2</sup> d <sup>-1</sup>
System efficiency	0.1	g dry weight m <sup>-2</sup> d <sup>-1</sup>
Overall performance	0.1	g dry weight m <sup>-2</sup> d <sup>-1</sup>

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